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Viewing 61 results

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Title	Principal Investigator	Institution	Grant Number
A novel 'dual hit' model of environmental risk factors for Parkinson's Disease	napier, t. celeste	Rush University Medical Center	R21ES025920
Air Pollution, the Aging Brain and Alzheimer's Disease	li, gail	University Of Washington	R01ES026187
Alzheimer's Disease, Genes, and Pesticide Use in the Agricultural Health Study	plassman, brenda l	Duke University	R01ES024288
Association of ALS to gene-environment mediated changes in HDL proteins	siddique, teepu	Northwestern University At Chicago	R01ES022310
Choroid Plexus as a Target in Metal-induced Neurotoxicity	zheng, wei	Purdue University	R56ES008146
Developmental Effects of Manganese Exposure in Rural Adolescents: The CARES Cohort Comes of Age	haynes, erin n	University Of Cincinnati	R01ES026446
Early and late-life metal exposures and Alzheimer's disease	weisskopf, marc g	Harvard School Of Public Health	R01ES024165
Endotoxin Exposure and Risk of Parkinsonism	checkoway, harvey	University Of California San Diego	R01ES017462
Environment and cognitive decline in older Hispanics	ritz, beate r	University Of California Los Angeles	R01ES023451
Environmental Determinants of Pathological Brain Aging in WHI Memory Studies	chen, jiu-chiuan	University Of Southern California	R01ES025888
Environmental Metals, Excitotoxicity and ALS	atchison, william d	Michigan State University	R01ES024064
Environmental copper exposure and its impact on microglial Abeta clearance	kitazawa, masashi	University Of California-Irvine	R01ES024331
Environmental exposure, DNA methylation, and Parkinson's disease	horvath, steve	University Of California Los Angeles	R21ES024356
Epidemiology and Biomarkers of Parkinsonism in Welders	racette, brad a	Washington University	K24ES017765
Epigenetic and phenotypic effects of arsenic: impacts on cognition and AD	lefterov, iliya	University Of Pittsburgh At Pittsburgh	R01ES024233
Exposure to cyanobacteria and BMAA in ALS through the gut environment microbiome	ophoff, roel a	University Of California Los Angeles	R21ES024355
Gene-Environment Interactions in Neurodegeneration: Role of Efflux Transporters	richardson, jason r	Northeast Ohio Medical University	R01ES021800

Gene-Neurotoxicant Interactions in Huntington Disease	bowman, aaron b	Vanderbilt University Medical Center	R01ES016931
Genetic Susceptibility to Manganese Neurotoxicity	aschner, michael	Albert Einstein College Of Medicine, Inc	R21ES025415
Genetic Susceptibility to PCB-induced Motor Dysfunction	curran, christine perdan	Northern Kentucky University	R15ES020053
Imaging Biomarkers of Neurotoxicity in Welders	racette, brad a	Washington University	R01ES021488
Impact of Ambient Ultrafine Particle Exposures on Alzheimer's Disease Progression	elder, alison cory pearson	University Of Rochester	R01ES020332
Influence of Genetic Variation on Manganese Neurotoxicity and Parkinson's disease	seo, young ah	University Of Michigan	R00ES024340
Interaction of alpha-synuclein and neurotoxicants with Mac1-NADPH oxidase	zhang, jing	University Of Washington	R01ES019277
Investigation of metabolites related to manganese exposure	baker, marissa	University Of Washington	F31ES027304
Lead Exposure in a Novel Mouse Model of Neurologic Disease	murphy, michael paul	University Of Kentucky	R21ES024158
Manganese Exposure Windows and Neurologic Function in Adolescence	lucchini, roberto g	Icahn School Of Medicine At Mount Sinai	R01ES019222
Manganese Transport and Toxicity	wessling-resnick, marianne	Harvard School Of Public Health	R01ES014638
Mass spectrometry imaging: Linking neurodegeneration with environmental exposure	laskin, julia	Battelle Pacific Northwest Laboratories	R21ES024229
Mechanism of Gene Environment Interactions in Alzheimer's Disease	richardson, jason r	Northeast Ohio Medical University	R01ES026057
Mechanism of manganese-induced impairment of astrocytic glutamate transporters	lee, eun sook yu	Florida Agricultural And Mechanical Univ	R01ES024756
Mechanisms of Manganese Neurotoxicity	kanthasamy, anumantha gounder	Iowa State University	R01ES010586
Mechanisms of Pesticides-Induced Neuronal Apoptosis	xia, zhengui	University Of Washington	R01ES012215
Mechanisms of PhIP-induced dopaminergic neurotoxicity	cannon, jason r	Purdue University	R01ES025750
Mechanisms of rotenone-induced neuroinflammation and Parkinsonism in aging mice	havrda, matthew charles	Dartmouth College	R01ES024745
Metal mixtures, children's cognition, and sensitive developmental windows	claus henn, birgit gunhild	Boston University Medical Campus	R00ES022986
Motor and Cognitive Health Outcomes in a Mn-Exposed African Community	racette, brad a	Washington University	R01ES025991

Mycobacterium tuberculosis-manganese interactions and neurotoxicity	filipov, nikolay m	University Of Georgia	R21ES026383
Neural Toxicity of Paraquat is Related to Iron Regulation in the Midbrain	jones, byron c	University Of Tennessee Health Sci Ctr	R01ES022614
Neuroimaging for Early Diagnosis of Manganese Toxicity in Humans and Rodents	dydak, ulrike	Purdue University	R01ES020529
Neuroinflammation and developmental vulnerability to manganese toxicity	tjalkens, ronald b	Colorado State University	R01ES021656
New Approaches to Gene-environment Interaction Modeling in Parkinson's Disease	cannon, jason r	Purdue University	R00ES019879
Novel Strategies to Identify GxE Contributions to MS Pathogenesis	barcellos, lisa f	University Of California Berkeley	R01ES017080
Particulate Matter Radicals as a Trigger of Cerebrovascular Homeostasis	lomnicki, slawo m	Louisiana State Univ A&M Col Baton Rouge	R21ES024207
Pathogenic mechanisms of gene-environment interactions in Parkinson's disease	burton, edward alan	University Of Pittsburgh At Pittsburgh	R01ES022644
Persistent Organic Pollutants and Cognitive Decline in the Elderly	fitzgerald, edward f	State University Of New York At Albany	R01ES022652
PhIP-induced neurodegeneration: mechanisms and relevance to Parkinson's disease	cannon, jason r	Purdue University	R03ES022819
Protein Aggregation and Inflammasome Signaling in Manganese Neurotoxicity	kanthasamy, anumantha gounder	Iowa State University	R01ES026892
RESTING STATE FUNCTIONAL CONNECTIVITY MRI IN MANGANESE EXPOSED WELDERS	criswell, susan	Washington University	K23ES021444
Regulation of manganese homeostasis and detoxification by SLC30A10	mukhopadhyay, somshuvra	University Of Texas, Austin	R01ES024812
Retinal neurotoxicity of manganese exposure	parmalee, nancy l	Albert Einstein College Of Medicine, Inc	R03ES024849
Risk of Parkinson Disease Associated with Solvent Exposures in Finland	racette, brad a	Washington University	R21ES024120
Role of Copper in LPS-mediated microglial activation	rossi-george, alba	Rutgers, The State Univ Of N.J.	R00ES018891
Role of Mechanisms of Efflux in Manganese Homeostasis and Detoxification	mukhopadhyay, somshuvra	University Of Texas, Austin	R00ES020844
Role of Mitochondrial CYP2E1 in Chemical Exposure-Driven Neurodegeneration	hartman, jessica h	Duke University	F32ES027306
Stress Granules and the Biology of TDP-43	wolozin, benjamin l	Boston University Medical Campus	R01ES020395
The Role of Mitochondrial DNA Damage in Neurodegeneration	meyer, joel newman	Duke University	R01ES017540

The synaptic basis of motor impairment following early developmental manganese exposure	moyer, caitlin elizabeth	University Of California Santa Cruz	F32ES026872
Toxicant-induced synaptic dysfunction and neurotoxicity in Parkinson disease	tieu, kim	Florida International University	R01ES022274
Vesicular modulation of dopamine neuron toxicity	miller, gary w	Emory University	R01ES023839
World Trade Center Dust Derived Oxidative Stress at the Nasal-Neural Interface	hernandez, michelle n	New York University School Of Medicine	F31ES025591